



Eastern Analytical, Inc.

professional laboratory and drilling services

E.J. Malone
Powder Mill Fish Hatchery (NH Fish&Game)
288 Merrymeeting Road
New Durham , NH 03855



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 172150
Client Identification: None
Date Received: 8/11/2017

Dear Mr. Malone :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

8.22.17

Date

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of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 172150

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Temperature upon receipt (°C): 2.9

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

| Lab ID | Sample ID | Date Received | Date Sampled | Sample Matrix | % Dry Weight | Exceptions/Comments (other than thermal preservation) |
|-----------|-------------|------------------|-----------------|------------------|-----------------|-------------------------------------------------------|
| | | | | | | |
| 172150.01 | Inflow | 8/11/17 | 8/10/17 | aqueous | | Adheres to Sample Acceptance Policy |
| 172150.02 | 001 Outfall | 8/11/17 | 8/10/17 | aqueous | | Adheres to Sample Acceptance Policy |
| 172150.03 | 002 Outfall | 8/11/17 | 8/10/17 | aqueous | | Adheres to Sample Acceptance Policy |

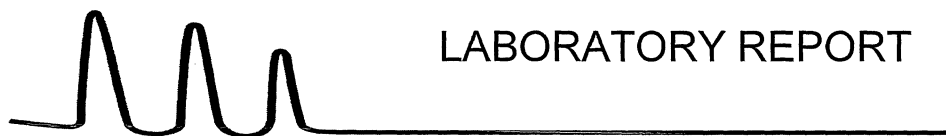
Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 172150

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

| Sample ID: | Inflow | 001 Outfall | 002 Outfall | | | | | | |
|--------------------|-----------|-------------|-------------|------|-------|----------|-------|----------|---------|
| Lab Sample ID: | 172150.01 | 172150.02 | 172150.03 | | | | | | |
| Matrix: | aqueous | aqueous | aqueous | | | | | | |
| Date Sampled: | 8/10/17 | 8/10/17 | 8/10/17 | | | | | | |
| Date Received: | 8/11/17 | 8/11/17 | 8/11/17 | RL | Units | Analysis | | | |
| | | | | | | Date | Time | Method | Analyst |
| Solids Suspended | < 2 | < 2 | 2 | 2 | mg/L | 8/14/17 | 13:00 | 2540D-97 | HE |
| Total Phosphorus-P | < 0.01 | 0.06 | 0.04 | 0.01 | mg/L | 8/14/17 | 13:38 | 365.1 | SEL |

